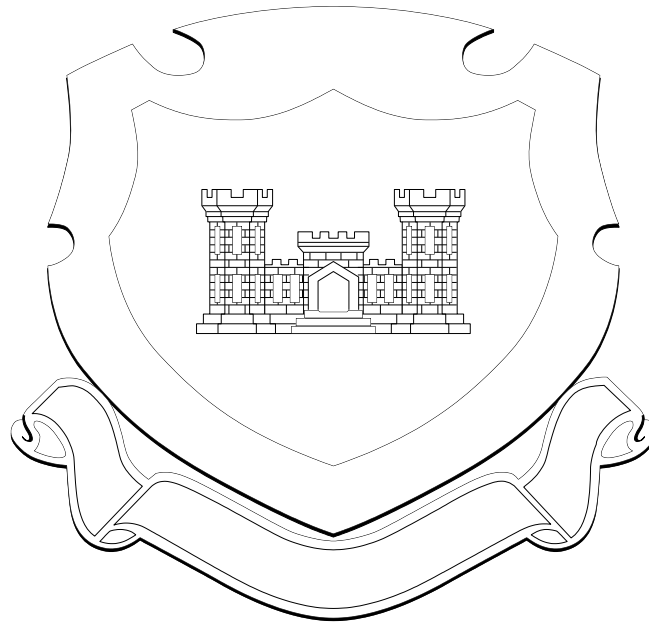




U.S. ARMY DIVER

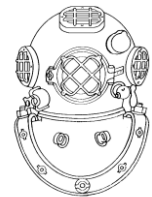
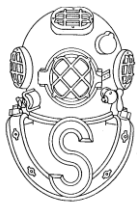


BOTTOM TIMES NEWSLETTER



2nd of 4 for 1999

COVERING JAN - MAR 1999



ARMY LIAISON OFFICE
NAVAL DIVING & SALVAGE TRAINING CENTER
PANAMA CITY, FLORIDA

INSTRUCTOR UPDATE

CPT MENENDEZ: Still playing the diplomat between the ALO and Fleet Diving Division. Prepping for the turn-over, making sure all the peas are in the pod. Loving his new Daddy deal.

SFC MCKENZIE: Medically discharged until his retirement. Staying in the PC area.

SFC JORDAHL: Retirement ceremony went as planned on 26 MAR 99. He will be staying in PC as well. Wife refused to support him so he's driving a rig and working at Home Depot to support the brew.

SFC PAGEL: NCOIC and Course Manager for the Army MDV Course. Trying to keep the new guys from starting a revolution and fighting the system (Navy/Dive School).

SSG ELMORE: TDY at Drill school. Will be back with enough time to pack then it's off to ANCOC, TDY Enroute to PCS (Ft. Leonard Wood).

SSG BRYANT: Use to the Navy games. Just playing along. Lined up for next SCDD Course. Trying to knock out some quals.

SSG HANEY: Finally got in on a SCDD Course. Better late than never. Snagged as Team Leader and Proctor for the new A2C class onboard. Working on quals and serving as leader of the Rebel Band. "Fight the Power!"

SSG RIVERA: Took over Marty's job working CISO, Course Manager for the A2C and A1C. Trying to finish the quals in between all the daily BS.

SSG BURRESS: Eager Beaver. Just back from ITC @ FLW. Focused on quals and ready to pound new A2C students. Wooh, Tonto!

SSG LANE: Waiting till last possible moment to complete his OOD qual (SDNCO equivalent) to avoid duty. Qualls, quals, quals!

STUDENTS ON BOARD

<u>CLASS</u>	<u>NAME</u>	<u>GRAD DATE</u>	<u>DESTINATION</u>
99-20-A2C	PV2 Fimon (Res.)	29 SEP 99	TBD
	PFC Hayden	“	“
	SPC Larrew	“	“
	SPC Regis	“	“
	SPC Forkhamer	“	“
	SPC Hiura	“	“
	SPC Roman	“	“
	SPC Flack	“	“
99-20-BDO	2LT Lull	23 JUL 99	TBD
	2LT Grier	“	“

INFO FROM THE SCHOOL

IF YOU ASK US THE QUESTION, WE'LL GET YOU THE ANSWER!!

RECRUITING:

The Army Liaison Office, as the Recruiting Center for Army Engineer Divers, wants more applicants. We have increased our seats significantly in order to accommodate the additional slots the Army Diving Field will have in FY00 so spread the word. SSG Rivera and Lane are working the packets. All needed info is on our web site: <http://members.aol.com/alongstc/diverapp.htm>

NEW COURSES:

- | | |
|--|---|
| Army 2C, Engineer Diver, 00B10: | Three courses remaining for FY99.
Four courses scheduled for FY00. |
| Army 1C, BNCOC, Phase 2: | One course scheduled for FY00. |
| Army MDV, ANCOC, Phase 2: | One course scheduled for FY99.
One course scheduled for FY00. |

There are a lot of new training topics, which the folks in the field have not been taught. We are more than happy to export (not in person) the training we have developed to you (copies of instructor guides, etc.). For example, we have developed an overview briefing on the Army Engineer Diving Community, designed to educate new divers on the capabilities and missions of operational units as well as describe the support positions/TDA dive positions, and how it all works together. The briefing is a unit of instruction, given early in the course. This same briefing has been sent to Ft. Leonard Wood so it can be used to brief the enlisted and officer engineer courses on the Army Engineer Diving Community. If you would like a copy of this PowerPoint presentation just drop me a line at:

daniel.menendez@smtp.cnet.navy.mil

We are also in the process of writing the new training topics that are to be added to the 1C course. Most of the content will be based on the Level 3 tasks in the OOB MOS Soldiers Manual. To ensure that the field gets the best product possible, we ask that everyone review those tasks and submit any discrepancies, corrections, or suggestions to SFC Ellis to update those tasks. You can send a courtesy copy of those suggestions to SSG Rivera, here to the school, so the issues are addressed as the course is being written.

OTHER COURSES:

SCUBA: This summer the U. S. Military Academy is sending cadets to NDSTC to attend the SCUBA courses. The same briefing described above will be given to them in order to increase the community's exposure.

SCDD: Do not forget about the Salvage Construction Demolition Diver Course (3 ½ wks of training) here at NDSTC. Much of this course is being used in our new Army 2C, Engineer Diver, 00B10 course. We will have a course from 5 – 28 May for interested personnel. The 7th EN DET will be sending about 7 personnel and FEVA is looking into this time period as well. The SCDD course will be offered concurrent with every Engineer Diver, 00B10 course (toward the end of the course).

TRAINING (DEEP BLUE):

The NDSTC will be providing a full day of training; topics to include medicine, new manual, and Army Diver Engineer Mission Brief. If your unit needs some training let us know and we will make the effort to support you.

AIRBORNE / AIR ASSAULT / SAPPER:

These are all good courses for professional development within the diving community. Let your chain of command know you want to attend these schools. Believe it or not they want you to go.

REFERENCES ALL DIVERS SHOULD BE FAMILIAR WITH:

- Engineer Diver Concept Paper
- FM 5-490
- FM 20-11-1 (Volume 1)
- AR 611-75 (rate)
- AR 611-201 (rank)
- ARTEP Manual
- Individual Training Plan (ITP)
- LWT and C&S TOEs
- JOINs video
- Recruiting Packet (ALO-NDSTC)
- Web Site
- Bottom Times

OFFICER TRAINING:

When the diving officers attend the Basic and Salvage Diving Officer Courses they will, in addition to the established curriculum, undertake a project which is of significance to the Army Engineer Diving Community. If you would like a copy of their output, you can contact me at daniel.menendez@smtp.cnet.navy.mil and I will get it to you. The initial participants and their topics for this program are as listed below:

LT Carlson: Explore the various Army training operations that the diving field can get involved in, based on the new Army Engineer Diving Doctrine.

LT Kolough: Write an article to be sent to Soldiers Magazine and Army Times with the goal of increasing diver recruiting.

LT Palmer: Contact foreign military divers for the purpose of validating our current doctrine compared to other allied forces which have similar missions.

CHIEF DIVING SUPERVISOR
U.S. ARMY ENGINEER SCHOOL
FORT LEONARDWOOD, MISSOURI

Initial Entry Requirements. The Commandant of the U.S. Army Engineer School, MG Flowers, has signed the recommended change to the initial entry requirements for MOS 00B. The memorandum has been submitted to DA for approval and implementation into further revision of AR 611-201. The **major** changes to be effected are:

- GM, ST, and GT all 100 minimum score.
- Age no more than 35 years old, but waivable.
- No more than 1-year time in grade of SPC eliminated. Open to PVT – SPC in non-promotable status.
- 240 score on APFT eliminated, but normal APFT score requirement are applicable (180 points). DPFT is only additional physical standard.

NOTE: Waivers will be entertained for applicants meeting these new standards. Have candidates submit waiver requests through NDSTC ALO with packets.

Diving Unit Mission AARs. Thank you for the AARs I am receiving from the units. Some of them were quite impressive with the use of modern technology. My major goal in reviewing AARs is to be able to pinpoint deficiencies caused by formal training, doctrine (DOTD) or equipment (DCD). Supervisors please consider these areas when preparing your AARs and give me feedback to help correct our shortfalls.

Course Name Change. In effort to eliminate the stigma of the Pre-qualification course as being a course like SF selection course we have submitted a request to change the course title to Engineer Diver, MOS 00B10, Phase 1 Course. The course is still scheduled to move to Gulfport, MS and resume training in October 1999. Engineer Diver, MOS 00B10, Phase 2 will be at the Naval Diving and Salvage Training Center, Panama City, FL.

MTSA Funding Request at DA DCSOPS. The request for DA funding of reclassification soldiers and officers to attend Engineer Diver, MOS 00B10, Phase 1 course has been endorsed by TRADOC and sent to DA DCSOPS for final determination. This approval is key to the successful recruitment of in-service soldiers into the diving field. The Engineer School just funded a soldier from Ft. Hood, TX to attend the course at Ft. Eustis, VA. I am sure that the Engineer School can not afford to have this become the normal operating procedure.

Revision to AR 611-75. Ms. Mitchell from PERSCOM has found a new job with the Army Surgeon Generals Office effective 26 Feb 99. The regulation will be passed to another individual, to be determined at a later date, for action. I'll keep track of it from here so it doesn't die.

DEEP SEA!

MSG Adam Brill
DSN 676-7611
Email: brilla@wood.army.mil

DIVING TRAINING AND DOCTRINE DEVELOPER

U.S. ARMY ENGINEER SCHOOL

FORT LEONARDWOOD, MISSOURI

Conducted training development school site survey at NDSTC from 7 – 14 December in efforts to initialize development of ANCOG Technical (MDV) Course lesson plans. All skill level 4 individual critical tasks were reviewed for content and, as a result, two additional tasks were identified. The following soldier's training tasks (STP's) have been extensively revised and serve as the basis for future MDV lesson plan development.

- 051-238-4511, Supervise High-Risk Diving Operations.
- 051-238-4508, Prepare a Diving Mission Operations Order.
- 051-238-4512, Monitor the Supervision of the Treatment Given to a Diving Casualty Requiring Recompression.
- 051-238-4504, Determine Technique for a Ship Salvage Operation.
- 051-238-4505, Determine Logistical Requirements to Coordinate a Ship Salvage Operation.
- 051-238-4503, Supervise an Initial Underwater Salvage Survey.
- 051-238-4506, Determine Logistical Requirements to Coordinate a Propeller Removal.
- 051-238-4502, Supervise the removal of a Ship's Propeller.

Doctrine in support of MOS 00B continues to move from our once predominantly conceptual basis to represent a modern and realistic combat multiplier in support of the Army's Engineer and Total Force. While training development here at the Maneuver Support Center proceeds with revisions to existing doctrine in support of training, leader development, organization, material, and soldier programs, there remains much work ahead. The arena of mine/countermine operations and underwater minefield reduction to support river-crossing operations continues to be revised and must be followed through with further concept evaluation and analysis.
ESSAYONS, DEEP-SEA & HOOAH!

SFC Victor O. Ellis
DSN: 676-7502
E-MAIL: ellisv@wood.army.mil

SUPERVISOR OF ARMY DIVER TRAINING

FORT EUSTIS, VIRGINIA

The numbers of soldiers scheduled to attending the Pre-Qual course between now and the end of the fiscal year is very impressive. We have 58 schedule, 32 in one class. The numbers we are seeing is unprecedented. The guys at the school will have their hands full and we all wish them the best. You guys out there in the units will also have your hands full when it comes to teaching these new troops how to be a diver, after all when was the last time you received more than one or two new troops at time?

Don't forget the Army Divers Association "Reunion 99" to be held on 4 and 5 June. Hope to see you all there.

MSG (MDV) Dave Dodd
DSN: 927-6111
Email: doddd@eustis.army.mil

COMBAT DEVELOPER
U.S. ARMY ENGINEER SCHOOL
FORT LEONARDWOOD, MISSOURI

Well it's been a long time since a Bottom Times has been put out, and a lot has happened. So I'll start with some good news

NAVSEA Certification for army engineer dive equipment is DEAD!!!! We will no longer use that as a safety standard. The standard we will use is American Society of Mechanical Engineers (ASME) and Pressure Vessels for Human Occupancy (PVHO-1). We are shifting towards the commercial diving industry standards. By doing this we will save tons of money, Almost 50% of costs for a system is navsea certification! We can use that money to buy more equipment. The intentions of using navsea were excellent but the reality is; it has been a failure for the engineer diving, and its time to cut our losses and move on.

Work has started on the new LP compressors, Underwater Construction Set, and the Deep-Sea Diving Set. It has taken two years to get the funding and approval for this equipment, my job is done! Now it's up to SFC Malmberg and crew at Rock Island to get the equipment.

The boats: I am looking at eliminating the 3 man recon boat and replace it with the 7-man assault boat (F470). The reason is everyone wants to mount an outboard on the recon boat. The current model 3-man boat cannot support a motor or much of anything else for that matter. If anyone can foresee problems with this let me know otherwise I am going to follow through with this plan.

Outboard Motor: We are sticking with the MARS 35HP motor for the time being, the non-gas burning outboard is still being worked on and is still years away from production. In two years the money will be available to start buying new mars motors for everyone, in the mean time as money falls out of the sky you have to buy them using unit money.

We are in the process of converting over to the Maneuver Support Center, 01 Apr 99 the MP and Chemical school DCDs will be here and operational. That means the Engineer DCD has to make room for them. All of us will be in the same location. The new director of the combined DCD will be a chemical officer, how that will effect diving I don't know. During this transition the engineer DCD has taken drastic cuts in personnel, we have gone from 29 to 19 assigned and keep in mind we still have the same amount of programs to manage. Everyone's plate is filling up fast with new programs.

Got equipment needs or ideas give me a call or E-mail me.

SFC RODNEY R HEIKKINEN
DSN: 676-7325, COM (573) 596-0131 ext.37325
Email: heikkinr@wood.army.mil

**DIVING EQUIPMENT LIAISON
ARMAMENT & CHEMICAL
ACQUISITION & LOGISTICS ACTIVITY
*ROCK ISLAND ARSENAL, ILLINOIS***

**NO
INPUT
SUBMITTED**

THANKS! SFC/MDV MALMBERG

SFC Nels Malmberg

DSN: 793-1021

Email: malmbergn@ria.army.mil

U.S. ARMY DIVE COMPANY (PROV)

FORT EUSTIS, VIRGINIA

The following are missions completed/planned and schools attended:

<u>MISSION</u>	<u>DATES</u>	<u>UNIT</u>	<u># SOLDIERS</u>
<u>Humanitarian Relief</u>	8 Dec 98 - ?	(544th)	15

The Team: 1LT Coffey, SFC Andrews, SSG Knight, SSG Colbert, SGT Bonner, SPC Nafziger, SPC Green, SPC Chebahtah, SPC Chaffin, SPC McGarry, SPC Lopez, SPC Etterling, and SPC Perrotta (medic). 1LT Thurston and SPC Stone left to join the team on the 2nd of February. SGT Eudy had to return to FEVA to get knee surgery and SPC Barker returned early due to his new baby.

These divers have been gone for almost 3 months so far. As of this time no solid date has been given for their expected return. This is a deployment and not a TDY. While in Panama, SGT Bonner attended and won the Soldier of the Quarter Board. He then proceeded to go on to the E-6 Board. The team was staying in Panama for a while, performing ships husbandry for the Task Force they're assigned to. They're currently in Port Castilla, Honduras salvaging a 108-foot boat and a 100-foot trawler in order to open a port so relief supplies can be brought in. While conducting the port clearance mission Army Chief of Staff, General Reimer visited the team, passing accolades out to our chain of command. General Flowers visited at the end of February, and the Commander and Chief may stop by in March.

<u>El Morro, Puerto Rico</u>	18 - 22 Jan	(74th /511th)	5
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The Army Corps of Engineers, Jacksonville District, requested our presence in Puerto Rico. SFC Kane, SFC Wilson and SSG Mendoza took 2LT's Palmer and Kolouch on their 1st TDY job to Puerto Rico and introduced them to the San Juan night life... and to recon a communications bunker the USACE wants removed at El Morro Fort, located on land owned by the National Park Service. Information was gathered and a future visit was planned to present the findings of the recon to the USACE.

<u>Philpot Dam Project</u>	27 - 29 Jan	(511th)	7
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The 511th sent a 7-man team to Martinsville, Va. to conduct repairs on one of the stop logs that wasn't sealing properly. Apparently this was inhibiting the maintenance personnel's scheduled maintenance on the dam. We fixed it.

<u>El Morro, Puerto Rico</u>	21 - 24 Feb	(74th)	2
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Apparently 2LT Palmer liked Puerto Rico, he went there again! SSG Tony Thompson accompanied him vowing to keep an eye on our young lieutenant. Demolitions is out of the question, the bunker is part on a National Park. It will have to be removed with drills, splitters, and a lot of manual labor. The mission (Operation Sunscreen), was presented to the point of contact and is planned to take place the 2nd of May through the 30th of June.

DELMARVA Peninsula **14 - 19 Mar** **(569th)** **2**

MSG Ventura and SFC(P) Dillard will be traveling around to different High Schools in the Tri-state area briefing teen-agers on the U.S. Army Dive Field.

416th Wartrace Conference **26 - 28 Mar** **(569th)** **2**

1SG Groninger and CPT Kisiel will attend in order to start a working relationship with the Planning Section of the Engineer Command.

3rd Port FEVA

The weekly duty crew performed 7 dives on different vessels for various reasons and one hydrographic survey during this quarter.

<u>SCHOOLS</u>	<u>DATES</u>	<u>NAME</u>
1 st Class School	23 Jan - 23 Mar	SGT Paredes
PLDC Ft. Drum, NY.	12 Feb - 13 Mar	SPC Vaughan
JNCOC FEVA	08 - 19 Mar	CPL Symanietz
		SPC Valencia
		SPC Anderson
		SPC Johnson

REENLISTMENTS: SGT.'s Ramirez and Weiers

DEPARTURES: SSG Lane left for Panama City
SSG Campbell (medic) went to 7th Gp.
SGT Smith (medic) went to 7th Gp.

ARRIVALS: SGT Rogers and SPC Manzi (medics)

FROM THE COMMANDER:

- Administrative Storage and Low-Usage programs, as specified in TAMMS Regs, are instrumental in the management of training and maintenance requirements
- The motor pool will be directly outside of the company building
- Equipment is organized into team rows and each unit has a cage- this has been done to facilitate team maintenance and accountability requirements
- The TMABs need an MWO from USAES because it's illegal to tow in any current configuration- the HMMWV tow weight is exceeded (4200 lb.) and the 5-Ton and 2 ½ Ton have improper tongue angles
- Working with SFC Heikennen and TWVRMO to get Light Teams the movement assets required to complete missions on the forward edge of the battle area
- Compressor and outboard maintenance has doubled

- Two ARTEP reviews, with our MTP, have been completed at FT AP HILL- highlighting the cross-over between engineer reconnaissance tasks and information we should and could provide to maneuver commanders- we don't have any means to take bottom samples (core samples) that will be of benefit to horizontal construction or bridging engineers.
- ENFORCE XXI will be a 'show' for us in front of the Army's engineer leadership. The 'show' is the breach of a complex obstacle (river-mines-tank ditch... basically a don't breach here Hallmark) with us in the water to show our ability to inspect U/W structures for mines and explosives- we will be decked out in our stealthy black wet suits, provide audio, and play a video of charge removal
- Soccer still is the only sport at Eustis

RAY A. SNYDER
SSG, USA
Operations NCO

(NOTE) Butch and Oly have 1 year and 9 months left before retirement. Think we'll make SFC before we retire? HA HA HA...We won't be the first E-6's to retire from the field though!

Hey 'Jordy', good luck and enjoy your retirement buddy!

CPT Kisiel

Email: kisielj@eustis.army.mil

1SG Groninger

Email: groningerk@eustis.army.mil

7TH ENGINEER DETACHMENT (DIVING)

FORT SHAFTER, HAWAII

Aloha. We are fat until the 19 September when we stand up under the heavy MTOE and then we will be around 72%, much the same as the field. We are in the process of receiving equipment for the heavy team but we still are looking for a home big enough for all the people and equipment.

Congratulations to newly promoted soldiers; SSG's Guy Lohman, Shane Revels and if he ever makes it through 1st class and BNCO Michael vonKeyserling. SGT's Curtis Swanson and our supply guru Chad Hamner.

Twelve 7th soldiers and our DMO from Tripler deployed to Wake Island and conducted support operations, the following appeared in the Tropic Lightening Newspaper. Kudos to SSG Lubin and SSG White for a job well done.

Army Divers Go to Any Depth to Accomplish the Mission

“Try washing dishes that you’ve never seen wearing winter clothes, thick gloves, 10 pound boots, and a sixty pound backpack in a forty-mile an hour wind in the dark, and you’ll get an idea of what it can be like to be an Army Diver” is the way SPC Jonathan Pudleiner, a Second Class Diver, describes his job.

The 7th Dive Detachment is one of six diving detachments in the active army. Stationed at Fort Shafter with the 29th Engineer Battalion, the dive det is one of the more unique units found within the 45th CSG and is the only Army dive unit located in the Pacific.

The 7th Dive Det deploys frequently throughout the Pacific to such places as the Marshall Islands, Johnston Island, and all the Hawaiian Islands. The detachment recently returned from a three week mission at Wake Island, a small military outpost 2500 miles west of Oahu. The mission at Wake Island was a routine visit by the divers and involved both SCUBA and surface-supplied (hard hat) diving missions.

While at Wake Island, the divers successfully salvaged two 10,000 pound chains and mooring buoys in support of the island's regular maintenance of the large vessel mooring system. The huge cargo ships and fuel ships that supply the island use these off-shore buoys secure the ship while off-loading supplies. The diver's also conducted thorough hull thickness surveys on Wake Island's fleet of three LCM-8 vessels. Complimented by a hull technician from the Navy, the Army dive team was able to record over 1500 readings in three days on the LCM8s. The data gathered by the divers was then used to determine the overall condition of the ship's hull and predict the remaining usable life of each ship. In addition to the hull surveys, the dive team was able to perform much needed maintenance on some of the ships. “The deployment to Wake was great because we got a chance to train on a vast array of our skills, from salvage work to ship's husbandry,” said SPC Max Westover, a Second Class Diver that deployed with the dive team.

In addition to salvage work and ship repair, the Army Divers are underwater demolition experts and accomplished welders. Knowledgeable in all types of underwater construction, the dive detachment is always looking for challenging dive missions to train these skills.

Having just completed recovery from the Wake Island mission, the 7th Dive Det is currently preparing for a one-week mission near Kauai at the end of March. “Although we’re extremely busy, everyone here loves their job and looks forward to the deployments,” says SSG Guy Lohman, a Salvage Diver with the unit and the mission NCOIC for the Kauai job.

Although the Army Dive field is small with less than one hundred active-duty Army Divers, the field is always looking for highly qualified, young soldiers to become Deep Sea Divers. “The training is tough but the job is worth it”, says SPC Jason Kennedy, a Second-Class Diver with the detachment and a recent graduate of dive school. Potential diver candidates must be in outstanding physical condition, comfortable in the water, and strong academically in order to succeed as a diver. Applicants must be E-4 and below, successfully pass the diver PT test, and pass the medical exam in order to be considered for dive training.

The 7th Dive Detachment is conducting information seminars and application review at the 25th ID post conference room on April 14 and May 14. The seminars will last approximately one hour and will begin at the top of each hour from 1000-1300 on each day. For more information on how to become an Army Diver contact CPT Joe Lock or SFC Joe Casey at 438-4591.

The unit conducted an APFT this AM, looks like the unit average will remain at 295! Notable scores include SSG Revels 343, Doc Martinez 333, SPC Kennedy 321 and SGT Swanson 320.

SSG Lohman is taking 6 personnel over to Niihau, “the forbidden island”, to conduct hydrographic surveys for LSV beach landings. They are staying on the LSV for 4 days conducting SCUBA and small boat operations.

Congratulations to SPC Ritchie. He married SGT Doliber on the 26th of December and ETS’d the 17th of January. He is living in Canada with his two legal dependents... could be another Fess in the making?

The last bit of information regards a new supply initiative for the dive field. Sponsored by the Defense Supply Center in Philadelphia, the initiative is similar to a blanket purchase agreement. A five year contract renewable every year was sent out for bids last summer and Marvel won the contract. Through this pre-negotiated contract, the 7th can purchase, on-line, just about any piece of dive equipment regardless of price, from compressor repair parts to Superlite service kits without opening the purchase to the bidding process. The new ordering system is designed to streamline the purchase process and guarantee the right stuff arrives. We can also customize any service parts for all our diving equipment.

Aloha

CPT Lock
1LT Carlson
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